Designing Information Systems (cont)

Tying Up Loose Ends:
1. Return: Projects, Class Prep Activities
2. Midterm: Some hints

Where are we:
1. Information systems design process and decisions – continuation from Friday
2. Design Issues – classroom preparation activity

Today:
1. Design Issues
   • List and clarify
   • Go over results of activity
2. Revisit Design Process
   • Some additional explanation
   • Two examples to clarify
   • Some feedback on the responses
(Some) Design Issues
More about Design Process

• Talk about each activity, specifically
  – Questions
  – Tasks
  – Decisions
  – Products

• Examples
  – Carolina Power and Light
    • “Everything” System
    • Support all business functions of major utility company.
  – Customer “In the Loop” System
    • Much smaller scope
    • How to ensure customers know the status of their order
Systems Development Life Cycle

- Project Identification and Selection
  - Project Initiation and Planning
    - Analysis
      - Logical Design
        - Physical Design
          - Implementation
            - Deployment (Going Live)
              - Maintenance

- Project Identification and Selection
  - Project Initiation and Planning
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      - Design
        - Logical Design
          - Physical Design
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Identification/Selection

- Questions
- Tasks
- Decisions
- Products
Initiation and Planning

- Questions
- Tasks
- Decisions
- Products
Analysis

- Questions
- Tasks
- Decisions
- Products
Design – Data Issues

- Questions
- Tasks
- Decisions
- Products
Design – Interacting w/ Data

• Questions

• Tasks

• Decisions

• Products
Implementation

- Questions

- Tasks

- Decisions

- Products